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## NOTICE OF ALLOWANCE AND FEE(S) DUE

4955 7590 08/20/2009

WARE FRESSOLA VAN DER SLUYS & ADOLPHSON, LLP  
BRADFORD GREEN, BUILDING 5  
755 MAIN STREET, P O BOX 224  
MONROE, CT 06468

EXAMINER

SAFAIPOUR, BOBBAK

ART UNIT

PAPER NUMBER

2618

DATE MAILED: 08/20/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/510,323

06/15/2005

Lauri Soderbacka

915-007.109

4842

TITLE OF INVENTION: ENABLING A CONTENT PROVIDER INITIATED CONTENT DELIVERY VIA A SPECIFIC RADIO ACCESS NETWORK

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	11/20/2009

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.**

**THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.**

### HOW TO REPLY TO THIS NOTICE:

#### I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**

# **PART B - FEE(S) TRANSMITTAL**

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or Fax (571)-273-2885**

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

4955 7590 08/20/2009

**WARE FRESSOLA VAN DER SLUYS & ADOLPHSON, LLP**  
**BRADFORD GREEN, BUILDING 5**  
**755 MAIN STREET, P O BOX 224**  
**MONROE, CT 06468**

## **Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/510,323 06/15/2005 Lauri Soderbacka 915-007.109 4842

**TITLE OF INVENTION: ENABLING A CONTENT PROVIDER INITIATED CONTENT DELIVERY VIA A SPECIFIC RADIO ACCESS NETWORK**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional NO \$1510 \$300 \$0 \$1810 11/20/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
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SAFAIPOUR, BOBBAK 2618 455-003010

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 \_\_\_\_\_
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 \_\_\_\_\_
- 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

**NOTE:** The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_

Typed or printed name \_\_\_\_\_

Registration No. \_\_\_\_\_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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EXAMINER

SAFAIPOUR, BOBBAK

ART UNIT

PAPER NUMBER

2618

DATE MAILED: 08/20/2009

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 10 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 10 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/510,323	SODERBACKA ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	BOBBAK SAFAIPOUR	2618	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's Arguments 5/19/09.
2. ☒ The allowed claim(s) is/are 1-6,8-27 and 29-32.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____.</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____.</li> </ol> |
|--|--|

**DETAILED ACTION**

***Reasons for Allowance***

**Claims 7 and 28** have been cancelled.

**Claims 1-6, 8-27, and 29-32** are allowable.

Consider **claim 1**, the best prior art of record found during the examination of the present application, **Hasan et al (WO 01/31963 A1)** in view of **Gwon et al. (US 2003/0119508 A1)**, fails to specifically disclose, teach, or suggest a method comprising: receiving a content clip from a content server upon initiation of a content provider for delivery to a particular mobile terminal; determining a type of radio access network required for delivering said content clip to said mobile terminal via a communication network based on an indication associated to said content clip and determining the type of radio access network via which said mobile terminal currently accesses said communication network, wherein said communication network comprises radio access networks of at least two different types; in case said mobile terminal accesses said communication network currently via a radio access network of a different type than required for delivering said content clip, triggering a handover of said mobile terminal to a radio access network of said type required for delivering said content clip; and transmitting a notification to said mobile terminal, which notification indicates that said mobile terminal may request a delivery of said content clip received from said content server, wherein a handover of said mobile terminal to a radio access network of a type required for a delivery of said content clip is only triggered upon a request by said mobile terminal to deliver said content clip, and wherein said content clip is only delivered to said mobile terminal via said radio access network of said

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type required for delivering said content clip upon a request by said mobile terminal to deliver said content clip.

**Claims 2-6 and 8-15** are allowable because it is dependent upon independent claim 1.

Consider **claim 17**, the best prior art of record found during the examination of the present application, **Hasan et al (WO 01/31963 A1)** in view of **Gwon et al. (US 2003/0119508 A1)**, fails to specifically disclose, teach, or suggest an arrangement of at least one element for connecting a content server with a communication network, said arrangement comprising: a receiving component arranged to receive a content clip from said content server, which content clip is to be delivered upon initiation of a content provider to a particular mobile terminal attached to said communication network via a specific type of radio access network, said communication network comprising radio access networks of at least two different types; a determination component configured to determine a type of radio access network required for delivering said content clip to said mobile terminal via said communication network based on an indication associated to said content clip and configured to determine the type of radio access network via which said mobile terminal currently accesses said communication network; a notification component for transmitting a notification to said mobile terminal, which notification indicates that said mobile terminal may request a delivery of said provided content clip; a triggering component configured to trigger a handover of said mobile terminal to a radio access network of said type required for delivering said content clip, in case said mobile terminal accesses said communication network currently via a radio access network of a different type than required for delivering said content clip and further wherein a handover of said mobile

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terminal to a radio access network of a type required for a delivery of said content clip is only triggered upon a request by said mobile terminal to deliver said content clip; and a delivering component configured to cause a delivery of said content clip to said mobile terminal via said radio access network of said type required for delivering said content clip only upon a request by said mobile terminal to deliver said content clip.

**Claims 16 and 18-20** are allowable because it is dependent upon independent claim 17.

Consider **claim 21**, the best prior art of record found during the examination of the present application, **Hasan et al (WO 01/31963 A1)** in view of **Gwon et al. (US 2003/0119508 A1)**, fails to specifically disclose, teach, or suggest a communication network comprising radio access networks of at least two different types and handover components configured to perform an intersystem handover of a mobile terminal accessing said communication network via a radio access network of a first type to a radio access network of a second type upon an information received from an arrangement of at least one element connecting said communication network to a content server, which information indicates that a content clip has been received at said arrangement from a content server upon initiation of a content provider for delivery to a particular mobile terminal and that an intersystem handover is required for a delivery of the content clip such that said handover is only triggered upon a request by the mobile terminal to deliver said content clip, further comprising a notification component for transmitting a notification to said mobile terminal, which notification indicates that said mobile terminal may request a delivery of said content clip received from said content server; and further comprising a delivery component configured to cause the delivery of said content clip to said mobile terminal

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via said radio access network of said type required for delivering said content clip only upon a request by said mobile terminal to deliver said content clip.

Consider **claim 22**, the best prior art of record found during the examination of the present application, **Hasan et al (WO 01/31963 A1)** in view of **Gwon et al. (US 2003/0119508 A1)**, fails to specifically disclose, teach, or suggest an apparatus comprising: a receiving component configured to receive a content clip from a content server upon initiation of a content provider for delivery to a particular mobile terminal; a determination component configured to determine a type of radio access network required for delivering said content clip to said mobile terminal via a communication network based on an indication associated to said content clip and configured to determine the type of radio access network via which said mobile terminal currently accesses said communication network, wherein said communication network comprises radio access networks of at least two different types; a notification component for transmitting a notification to said mobile terminal, which notification indicates that said mobile terminal may request a delivery of said provided content clip; a triggering component configured to trigger a handover of said mobile terminal to a radio access network of said type required for delivering said content clip, in case said mobile terminal accesses said communication network currently via a radio access network of a different type than required for delivering said content clip and further wherein the handover of said mobile terminal to a radio access network of a type required for a delivery of said content clip is only triggered upon a request by said mobile terminal to deliver said content clip; and a delivery component configured to cause a delivery of said content



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clip to said mobile terminal via said radio access network of said type required for delivering said content clip only upon a request by said mobile terminal to deliver said content clip.

**Claims 23-27 and 29-31** are allowable because it is dependent upon independent claim 22.

Consider **claim 32**, the best prior art of record found during the examination of the present application, **Hasan et al (WO 01/31963 A1)** in view of **Gwon et al. (US 2003/0119508 A1)**, fails to specifically disclose, teach, or suggest an apparatus comprising: means for receiving a content clip from a content server upon initiation of a content provider for delivery to a particular mobile terminal; means for determining a type of radio access network required for delivering said content clip to said mobile terminal via a communication network based on an indication associated to said content clip and for determining the type of radio access network via which said mobile terminal currently accesses said communication network, wherein said communication network comprises radio access networks of at least two different types; means for transmitting a notification to said mobile terminal, which notification indicates that said mobile terminal may request a delivery of said provided content clip; means for triggering a handover of said mobile terminal to a radio access network of said type required for delivering said content clip, in case said mobile terminal accesses said communication network currently via a radio access network of a different type than required for delivering said content clip and further wherein the handover of said mobile terminal to a radio access network of a type required for a delivery of said content clip is only triggered upon a request by said mobile terminal to deliver said content clip; and means for causing a delivery of said content clip to said mobile

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terminal via said radio access network of said type required for delivering said content clip only upon a request by said mobile terminal to deliver said content clip.

***Conclusion***

Any response to this Office Action should be **faxed to (571) 273-8300 or mailed to:**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Hand-delivered responses** should be brought to

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Bobbak Safaipoor whose telephone number is (571) 270-1092. The Examiner can normally be reached on Monday-Friday from 9:00am to 5:00pm.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Matthew Anderson can be reached on (571) 272-4177. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free) or 703-305-3028.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/customer service whose telephone number is (571) 272-2600.

/Bobbak Safaipoor/  
Examiner, Art Unit 2618

August 13, 2009

/Matthew D. Anderson/

Supervisory Patent Examiner, Art Unit 2618